

EAST Search History

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L10	3	"1156427", "1156428", "1156429"	EPO; JPO	OR	OFF	2007/04/23 14:50

DATA JOINING TO USE SERVER SIDE CONTROL OBJECT**Publication Number:** 2002-024079 (JP 2002024079 A)**Published:** January 25, 2002**Inventors:**

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Applicants

- MICROSOFT CORP

Application Number: 2001-129926 (JP 2001129926)**Filed:** April 26, 2001**Priority:**

- 00 573656 [US 2000573656], US (United States of America), May 18, 2000

International Class:

- G06F-012/00

Abstract:

PROBLEM TO BE SOLVED: To provide a framework to enable a developer to dynamically create and process a web page with a minimum program. **SOLUTION:** Data joining of the property of a control object to be created in control object hierarchy is performed to the property of a server side data source and hierarchical data joining relation is established between the properties of the control object and the data source. Template declaration is used to regulate the structure of joined container object corresponding to a data object of the data source. A repetition control object judges the number of data objects to be increased according to the number of joined container objects. Types of a single data joining include (1) unidirectional data joining from the data source to the control object, (2) unidirectional data joining from the control object to the data source and (3) bi-directional data joining between the control object and the data source.

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GENERATION OF SERVER SIDE CODE FROM DYNAMIC WEB PAGE CONTENTS FILE**Publication Number:** 2002-041299 (JP 2002041299 A)**Published:** February 08, 2002**Inventors:**

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Applicants

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Application Number: 2001-129924 (JP 2001129924)**Filed:** April 26, 2001**Priority:**

- 00 573768 [US 2000573768], US (United States of America), May 18, 2000

International Class:

- G06F-009/45
- G06F-009/44
- G06F-012/00

Abstract:

PROBLEM TO BE SOLVED: To provide a development framework that can generate and process Web pages dynamically with developers minimum programming workload. **SOLUTION:** A method generates an intermediate language or a resource code file from the server side resource or a dynamic Web page file, and the resource codes are compiled into an executable class that enables a quick generation of a Web page control object that performs the server side functions including rendering of client responses. The code generation scheme generates a control objects that is connected at a hierarchy in order to handle the event process and the setting of attributes to a specific object.

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SERVER SIDE CONTROL OBJECT FOR PROCESSING CLIENT SIDE USER INTERFACE ELEMENT**Publication Number:** 2002-049484 (JP 2002049484 A)**Published:** February 15, 2002**Inventors:**

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Applicants

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Application Number: 2001-129923 (JP 2001129923)**Filed:** April 26, 2001**Priority:**

- 00 573769 [US 2000573769], US (United States of America), May 18, 2000

International Class:

- G06F-009/44
- G06F-013/00

Abstract:

PROBLEM TO BE SOLVED: To suitably constitute programming required to process a user interface element as a capsule. **SOLUTION:** Server side control objects are used for generating the hierarchy of server side control objects in cooperation with a result authoring language code such as the HTML for displaying a client's web page by combining many server side control objects in order to process and generate a client side user interface element to be displayed on the web page. The processing of the client side user interface element is performed by performing one or more processing out of event handling processing, post back data handling processing, data connection processing, and state management processing concerned with the states of the server side control objects.

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SOFTWARE DISTRIBUTION SYSTEM**Publication Number:** 2002-049485 (JP 2002049485 A)**Published:** February 15, 2002**Inventors:**

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Applicants

- HITACHI LTD

Application Number: 2000-242754 (JP 2000242754)**Filed:** August 04, 2000**International Class:**

- G06F-009/445

Abstract:

PROBLEM TO BE SOLVED: To solve problems that the working load of a customizing operator is increased because software is often customized in accordance with equipment, an environment and a communication format applied to each user in a device for managing and distributing software to be distributed to distribution destinations having respectively different environments and the load of a software manager is increased because customizing software components of all patterns corresponding to the distribution destinations having different environments should be previously prepared. **SOLUTION:** A software management and distribution system automatically prepares and distributes customizing software by managing master software to be the standard of software to be distributed, customizing information to be the inherent information of each distribution destination and distribution information such as addresses to which the software is to be distributed and distribution history.

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